

# Invasive Weeds and Agricultural Pest Management in Alaska



**Division of Agriculture**

Alaska Department of Natural Resources



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# Statutes and Regs....Authorization

- AS 03.05.027-  
Coordination, planning,  
regulation review
- 11 AAC 34
  - Seed laws
  - Quarantine laws
  - Pest laws



# Revised regulations

- Finished internal (Div. Ag) review and suggestions in Dec 2010
- Waiting for commissioner review to release
- Probably out for public review fall of 2011

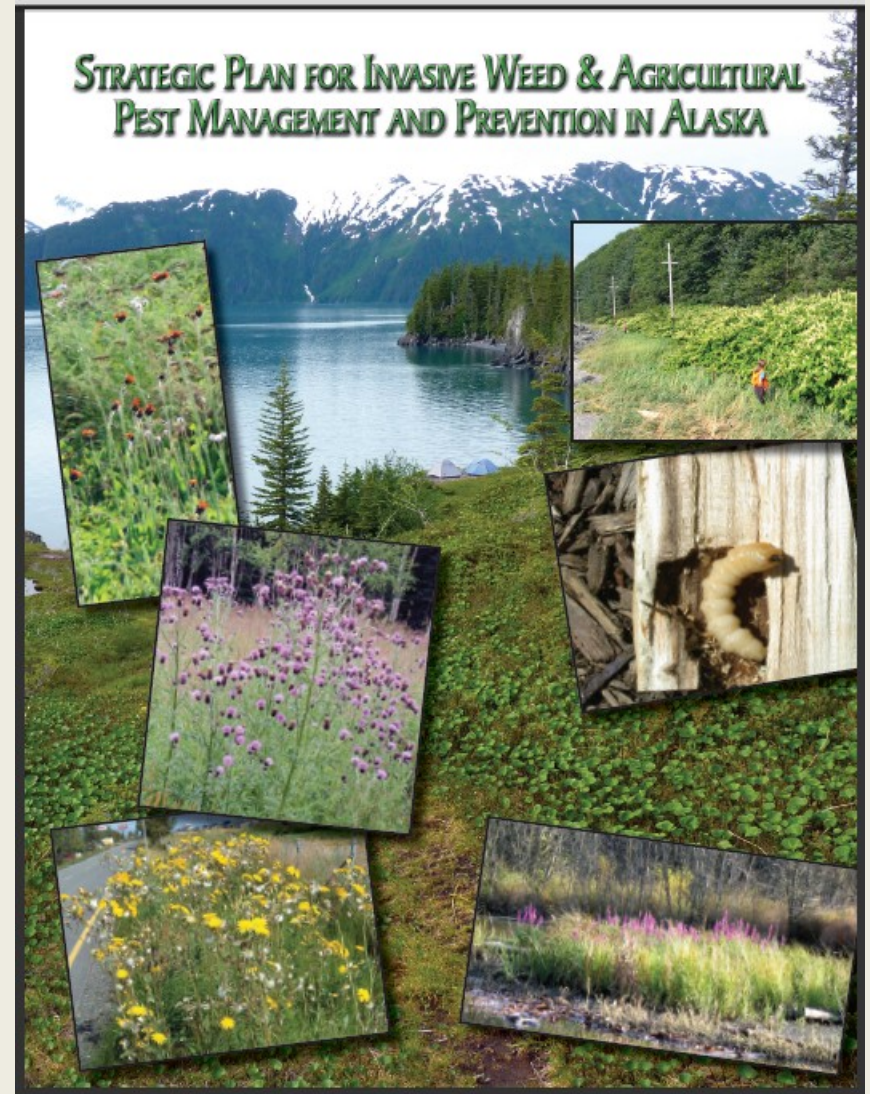


Notice defoliation of alder trees caused by alder sawfly. Little Susitna River.

# State Strategic Plan

- Prevention
- Regulations and Policy
- Coordination
- Early Detection and Rapid Response
- Control and Management
- Inventory and Monitoring
- Education
- Research

[www.plants.alaska.gov](http://www.plants.alaska.gov)



# Other Projects

- Weed management projects
- Outreach through horticulturalists
- Weed free forage/straw certification
- Gravel pit surveys and weed free gravel certification

Reed  
canarygrass  
control  
plots



Orange hawkweed infestation before (left) and after (right) treatment with herbicide. Photos courtesy USFWS Kodiak NWR.

# Weed management

- Canada thistle  
containment- Anchorage
- Purple loosestrife  
eradication/replacement-  
Anchorage
- Spotted knapweed  
eradication- statewide
- Giant hogweed  
eradication- Southeast



# Outreach through horticulture

- One of the primary pathways for pest introductions
- Building consensus
- Regional approach
- Providing outreach to customers

Thistle  
contaminated  
trees



Orange  
hawkweed



Moose poisoned by ornamental cherry



# Weed Free Forage/Straw

- Voluntary program established for 6+ years
- Available nationally – Alaska has additional species
- Valued added product
- Used in Iditarod
- Some specs for erosion control
- Used as feed for pack animals on public lands



# Gravel pit surveys and certification

- Surveyed northern region state/BLM pits
- Survey of additional pits this summer
- Outreach to Gravel producers
- Certification – Voluntary program
- Value added product



White sweetclover on Nenana river- affects floodplain succession

Species	Number of pits infested	Percent of pits infested
White sweetclover	61	39%
Bird Vetch	1	<1%
Narrowleaved hawksbeard	32	20%
Foxtail barley	82	52%
Narrowleaf hawkweed	5	3%
Clean	25	6%

# Want to Learn More

Attend the Annual Invasive Species Conference

In Anchorage:

October 19-21

[www.cnipm.org](http://www.cnipm.org)

**SAVE THE DATE**

Working to maintain Alaskan ecosystems

**Alaska Invasive Species Conference**

**October 26-28, 2010**  
Fairbanks, Alaska

**11th Annual CNIPM Workshop**  
(Alaska Committee for Noxious & Invasive  
Plants Management)  
— and —  
**5th Annual Alaska Invasive  
Species Working Group  
Workshop**

Purple  
Loosestrife

For more information visit <http://alaskainvasivespeciesconference.wikispaces.com>

# Thanks



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